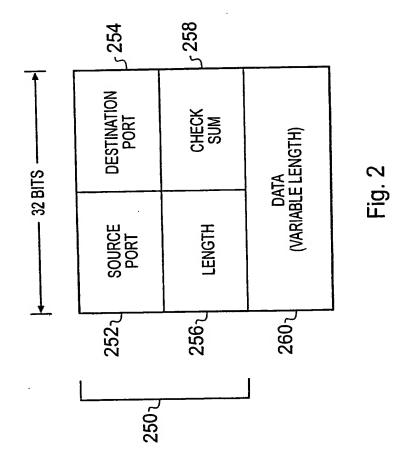
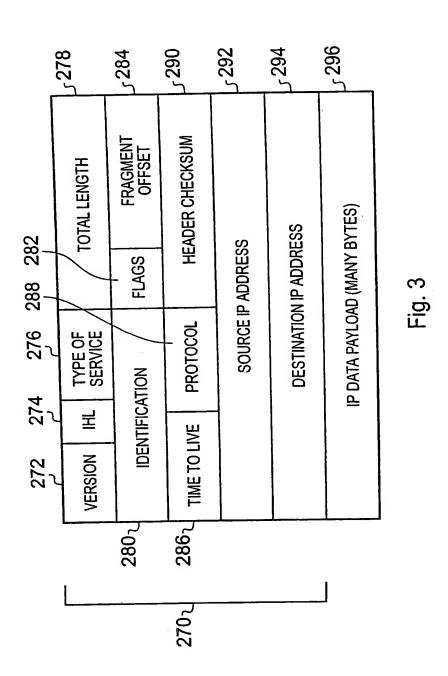


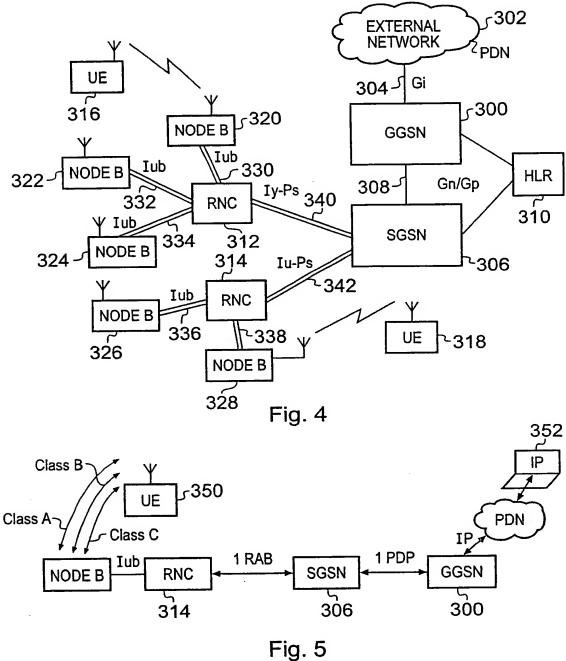
Fig. 1

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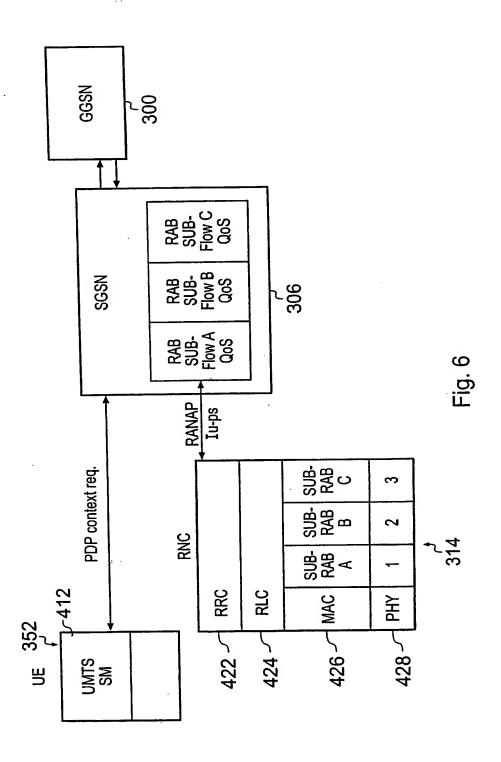


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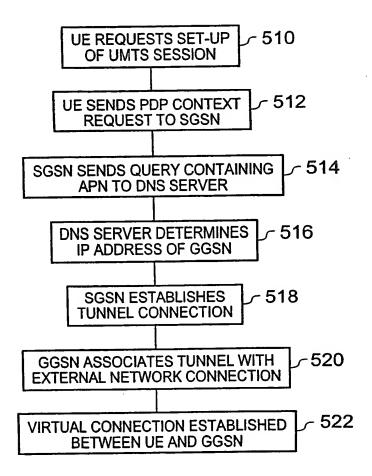


Fig. 7

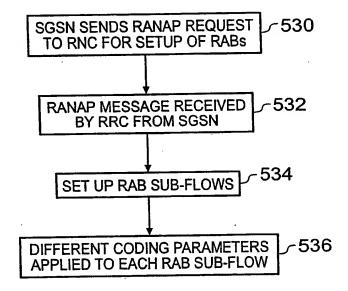


Fig. 8

														——
Comments		Symmetric RABs are used for	Symmetric reads are described to the state in the RFCS (note 2)		highest mode rate in the RFCS (note 2) One of the values chosen, depending on the lowest rate controllable SDU format (note 2)			plaif booker to the second	Maximum size of payload field in the UP, according to the highest mode rate in the RFCS (note 2)	Parameter not applicable for the	conversational trainic class (note 1)	(note 1)	The number of SDU, their number of RAB subflow is	subject to operator turining (note
	RAB service attribute value	Conversational	Symmetric, bidirectorial	12,65 kbit/s in configurations 0 and 1 15,85 kbit/s in configurations 2 and 3 23,85 kbit/s in configurations 4 and 5	6,60 kbit/s			Yes	253 in configurations 0 and 1 317 in configurations 2 and 3 477 in configurations 4 and 5	Not annlicable		Speech	RAB subflow 1 RAB subflow 2 (Class A bits) (Class B bits)	· · · · · · · · · · · · · · · · · · ·
Table 1	RAB service attribute	Traffic Class	RAB Asymmetry Indicator	Maximum bit rate	Guaranteed bit rate			Delivery Order	Maximum SDU size	T 6 Upadina Driority		Source statistics descriptor	SDU Parameters	

Fig. 9 (continued on page 9/17)

	T	1		Т	$\neg \vdash$	T	7	
	(note 3)	(note 3 - applicable for every subflow)	Class A bits are delivered with error indication; Class B bits are delivered without any error indication	(note 4)				These parameters apply to all UMTS speech codec types. The guaranteed bit rate depends on the periodicity and the lowest rate controllable SDU size. All The guaranteed bit rate depends on the periodicity and the lowest rate configurations as defined in TS 26.103 contain the 6,60 kbps codec mode as lowest and therefore "guaranteed bit rate". The "maximum bit rate" and the "maximum SDU size" depend on the selected UMTS_AMR-WB configuration. These parameters are subject to operator tuning. SDU format information has to be specified for each AMR-WBcore frame type (i.e. with speech bits and comfort noise bits) included in the RFCS as defined in [2]. The subflow SDU size corresponding to an AMR-WBcore frame type indicates the number of bits in the class A, class B fields as specified in Table 2 (see Fig.10)
—		10 -3	•		(note 5)			These parameters apply to all UMTS speech codec types. The guaranteed bit rate depends on the periodicity and the lowest r The guaranteed bit rate depends on the periodicity and the lowest r UMTS_AMR-WB configurations as defined in TS 26.103 contain the lowest and therefore "guaranteed bit rate". The "maximum bit rate" depend on the selected UMTS_AMR-WB configuration. These parameters are subject to operator tuning. SDU format information has to be specified for each AMR-WBcore bits and comfort noise bits) included in the RFCS as defined in [2]. The subflow SDU size corresponding to an AMR-WBcore frame by in the class A, class B fields as specified in Table 2 (see Fig.10)
<i>-</i>	7 * 10 -3		Yes		(note 5)			These parameters apply to all UMTS speech codec types. The guaranteed bit rate depends on the periodicity and the lowe UMTS. AMR-WB configurations as defined in TS 26.103 contain lowest and therefore "guaranteed bit rate". The "maximum bit radepend on the selected UMTS. AMR-WB configuration. These parameters are subject to operator tuning. SDU format information has to be specified for each AMR-WBc bits and comfort noise bits) included in the RFCS as defined in The subflow SDU size corresponding to an AMR-WBcore frame in the class A, class B fields as specified in Table 2 (see Fig.10)
,	ODI Lorror ratio	Residual bit error ratio	Delivery of erroneous SDUs	A trailograph 1 F	SUU Tormat Information 1-5 sub-flow SDU size 1-5			NOTE 1: These parameter NOTE 2: The guaranteed to UMTS. AMR-WB lowest and thereforest and therefores 3: These parameter NOTE 4: SDU format information. NOTE 5: The subflow SDU in the class A, class.

Fig. 9 (continued from page 8/17)

Total No. of Bits per frame No of Class C Bits per frame No of Class B Bits per frame No of Class A Bits per frame Frame Type Index က

Table 2:

Fig. 10

	Source rate		טוס טאני טאני	AMK-WB SID	AMR-WB 6.6 kbps	AMR-WB 8.85 kbps	AMR-WB 12.65 kbps			AMR-WB SID	AMR-WB 6.6 kbps	AMR-WB 8.85 kbps	AMR-WB 12.65 kbps	AMR-WB 15.85 kbps		AMR-WB SID	AMR-WB 6.6 kbps	AMR-WB 8.85 kbps	AMR-WB 12.65 kbps	AMR-WB 23.85 kbps
Total number of bits per RAB sub-flow combination (Mandatory)				40	132	177	253			40	132	177	253	317		40	132	177	253	477
RAB sub-flows	RAB sub- flow 2 (Optioinal)	1	Example 1	0	82	113	181		Example 2	0	78	113	181	244	Example 3	0	78	113	181	403
	RAB sub- flow 1 (Optioinal)			40	54	64	72			ΨU	54	64	22	73		40	54	64	72	74
UMTS AMR-WB	UMTS_AMR-WB RFCI				2	1 6	0 4	F			- 0	7 6		F 14.			6	1 6	4	2

Fig. 11

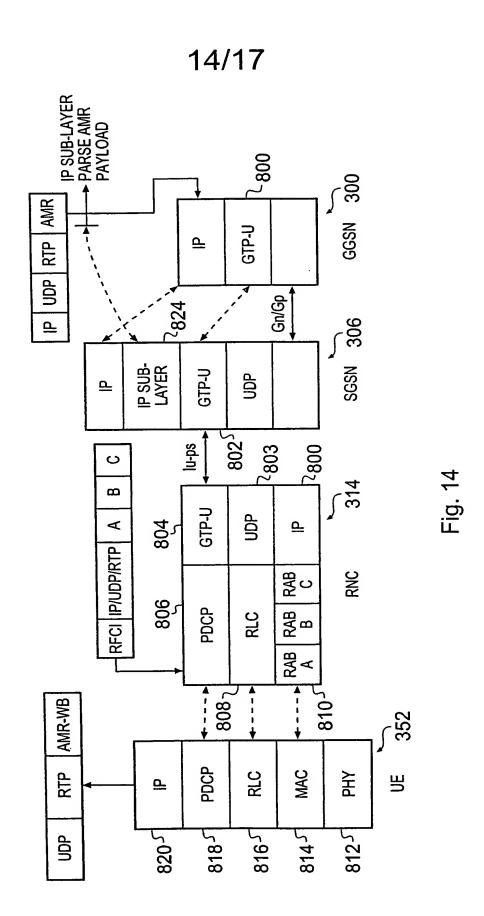
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	Octet 1	Octet 2	Octet 3	Octet 4	Octet 5	Octet 6	Octet 7	Octet 8	Octet 9	Octet 10	Octet 11	Octet 12	Octet 13
3 2 1	•	ш	Reliability class	Precedence class	Mean throughput	Delivery of erroneous SDU		. Y	ınk	SDU error ratio	Traffic Handling priority	nk	ılink
4	service IEI	Length of quality of service IE		0 spare		Delivery order	Maximum SDU size	Maximum bit rate for uplink	Maximum bit rate for downlink			it rate for upli	Guaranteed bit rate for downlink
ည	Quality of service IEI	ngth of qualit	Delay class			Deliver	Maximum	Maximum bit	aximum bit ra		Transfer delay	Guaranteed bit rate for uplink	aranteed bit
ė		Le		ak Jhput					Ž		Transl	9	ß
7			0 0 spare	Peak throughput	0 0 0 spare	Traffic Class				Residual BER			
œ	<u>`</u>												

Fig. 12

Ortet 1	0.1010	Octet 2	Octet 3	Octet 4	Octet 5	Octet 6	Octet 7	Octet 8	Octet 9	Octet 10	Octet 11	Octet 12	Octet 14	Octet 22	Octet 31	
3 2 1		Ш	Reliability class	Precedence	Mean throughput	Delivery of erroneous SDU		¥	ink	SDU error ratio	Traffic Handling priority	ink	nlink			
4	service IEI	Length of quality of service IE		0 spare		Delivery order	Maximum SDU size	Maximum bit rate for uplink	Maximum bit rate for downlink			Guaranteed bit rate for uplink	Guaranteed bit rate for downlink	QoS optional field 1	QoS optional field 2	
5	Quality of service IEI	gth of quali	Delay			Delive	Maximum	aximum bit	ximum bit r	-	Transfer delay	naranteed b	aranteed bit	QoS opti	QoS opt	
9		Lei		Peak throughput	SS	S			Ma	Residual BER	Trans	් 	Gu			
7			0 0 spare	1	Optional QoS Indication Bits	Traffic Class				Resid						
œ																

Fig. 13



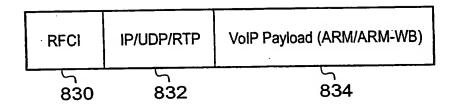
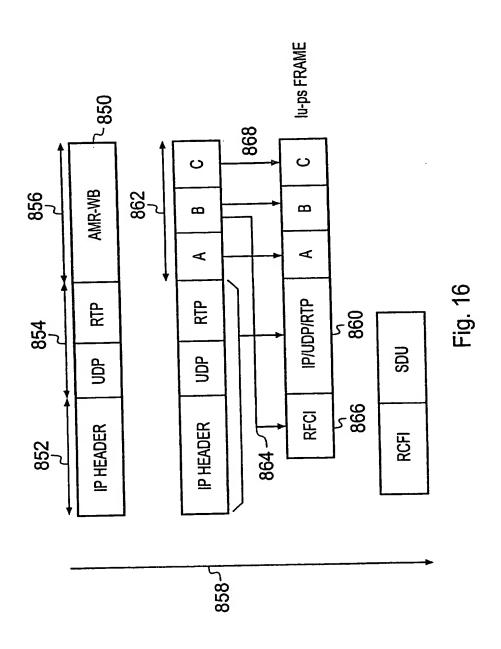
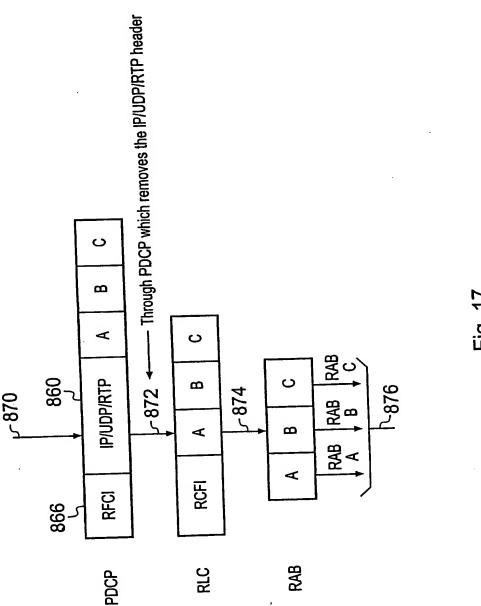


Fig. 15

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